

Abstract:

A yarn feeder system (1) includes a plurality of yarn feeders (11, 12, 13, 14), which are combined into one group (8). In the trial mode, the yarn feeders (11, 12, 13, 14) operate in an individually tension-controlled manner on the basis of a specified yarn tension value. The yarn feed quantities or yarn speeds that result from this at the various yarn feeders (11, 12, 13, 14) are reported to a central unit. From the reported yarn speeds, the central unit calculates a group average and sends this to the yarn feeders (11, 12, 13, 14) as a specified value for subsequent operation. As a result, after that, the individual yarn feeders (11, 12, 13, 14) can operate in the purely positive mode. Moreover, the central unit (31), via an input (57), can receive both signals that characterize the machine speed (rpm) and pattern signals, on the basis of which the yarn feeders of the particular group (8) or (16) that is to respond at that time are switched on and off or speeded up or slowed down.

(Fig. 1)